HYGIENETECH
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December 21, 2010

State of California
Board of Equalization
450 N Street
Sacramento, California 94279

Document No. 21008001.2

Attention: David Gau

Regarding: Fungal Growth Remediation Monitoring and Clearance Surveys
20th Floor

Dear Mr. Gau:

On various dates in August and September of 2010, industrial hygienists with Hygiene Technologies International, Inc. (HygieneTech) monitored fungal growth remediation activities and conducted fungal growth remediation clearance surveys on the 20th Floor of the State of California Board of Equalization (BOE) building located at 450 N Street in Sacramento, California. Fungal growth remediation was performed by JLS Environmental Services, Inc. (JLS) under the direction of LaCroix Davis, LLC (LCD), an industrial hygiene consulting firm contracted with the State of California Department of General Services (DGS). The fungal growth remediation protocols for the project were established by LCD and can be found in their document *State Board of Equalization Generic Floor Remediation Protocol, Rev 1* dated August 3, 2009.

During the surveys, air and surface samples were collected within the 20th Floor remediation enclosures and one additional air sample was collected at outdoor locations on specific survey dates for comparison purposes. Air samples were collected using a Zefon brand Bio-Pump™ equipped with Zefon Air-O-Cell™ cassettes. Surface samples were collected using cellophane tape segments that were affixed to microscope slides. All such samples were subsequently analyzed for fungi (including yeasts, molds, rusts, smuts, and mushrooms) by trained and experienced microbiologists at a laboratory accredited by the American Industrial Hygiene Association (AIHA) and that successfully participates in the AIHA Environmental Microbiology Proficiency Analytical Testing (EMPAT) Program. The analytical data with supporting and background information appear in the enclosed Tables 21008001-7 through 21008001-9.

Fungal growth remediation occurred in various areas of the 20th Floor including the Men's and Women's Restrooms, the Janitor Closet, Mail Center Storage Room 20B, Fire Storage Equipment Room, Conference Room 2005, Room 2013, Room 2002 western partition wall area contiguous with Room 2013, the Storage Room located at the southeastern corner of Room 2013, Work Room 2009A, and in the southeastern corner eastern and southern punchout window areas. During the remediation activities, HygieneTech observed and documented the removal of fungal growth-contaminated building materials and decontamination of the remaining materials including but not limited to the exposed interior wall cavity framing, proximate drywall not affected by fungal growth, ceilings, and subfloors. Additionally, all

such work was performed within controlled negative pressure containments that were monitored with the use of manometers. Those control measures were utilized so that dispersion of airborne spores was limited to the enclosed areas. The surface assessment data with supporting and background information regarding the 20th Floor fungal growth abatement activities appear in the enclosed Table 21008001-7. Note that carpet flooring throughout the 20th Floor (with the exception of the elevator lobby and hallways) was removed under controlled negative air pressure containment conditions on the basis of surface fungal growth sample data collected by LCD from various carpeting materials.

The surface assessment data collected during the remediation activities indicated fungal growth involving *Alternaria, Aspergillus, Chaetomium, Cladosporium,* colorless spores typical of *Penicillium* and *Aspergillus* species*, Penicillium, Stachybotrys*, and/or *Ulocladium* on various surfaces within the above mentioned remediation enclosures. Note that additional building materials removal occurred in the hallway contiguous with Fire Equipment Storage Room; however, there was no evidence of fungal growth observed in that area.

Following the completion of the fungal growth remediation activities, attempts were made to clear the enclosed work areas. Prior to the clearance surveys, visual inspections were performed within each of the enclosed work areas. By observation, all gross quantities of fungal growth had been removed from the fungal growth remediation areas. Note, however, that some of the fungal growth affected gypsum board materials found in the Men's Restroom, Women's Restroom, the Janitor Closet, Mail Center Storage Rooms 20B and Fire Storage Equipment Room containments were not removed during the remediation activities based on DGS's consultation with the Fire Marshall regarding removal of fire rated walls and/or due to walls being considered inaccessible by DGS and/or there consultants. Such walls were instead abraded as needed to remove surface fungal growth, wet wiped with a biocide solution, HEPA vacuumed, and then encapsulated with Foster® Full Defense™ (40-25) fungicidal protective coating. Areas showing water staining but no evidence of fungal growth were also painted with the Foster® Full Defense™ product.

On the clearance survey dates, the airborne total fungi data recorded indoors showed that airborne fungal spores were not detected at or above the laboratory analytical detection limit indicated or were detected at low levels, which consisted of common fungi including basidiospores, colorless spores typical of *Penicillium* and *Aspergillus* species, other brown, and/or smuts. The spore types detected indoors generally matched those found outdoors and the overall spore counts within the containments were well below the overall data recorded outdoors. All such data met the clearance criteria established for the project.

Historical data indicate that indoor spore levels usually average 30 to 80 percent of the outdoor spore level at the time of sampling, with the same general distribution of spore types. The overall indoor data recorded during the surveys did not exceed four percent of the outdoor datum on any of the survey dates. Similarly, as shown in Table 21008001-9, the surface sample data recorded within the containments showed no evidence of fungal growth or above background levels of fungal spores on any of the building material surfaces tested. These data do not represent conditions that are expected to pose a health hazard to occupants above that posed by the outside environment where exposures to airborne and surface-borne fungi are known to exist. Collectively, the results of the surveys satisfy the clearance criteria for fungal growth established for this project and notification to that effect was provided to representatives of BOE, JLS, LCD, and DGS on the dates that the lab data were received.

Be advised that the data provided with this correspondence only represent fungal growth and exposure potentials that existed at the time the surveys were performed and at the precise locations only, the latter of which were selected based on the available background information provided, and that fungal growth

and exposure potentials may change due to changes in environmental conditions, such as those caused by water intrusion, use of mechanical systems, or other factors. Also be advised that while no evidence of additional fungal growth was seen at the time of the surveys, additional fungal growth may exist at one or more locations in the structure that were not specifically assessed during the surveys. And finally, the exposure data recorded during these surveys may not be sufficiently broad to adequately assess the suitability of the indoor air quality for all individuals, particularly those who are extremely sensitive to certain chemical and/or biological substances or for those individuals with immune system deficiencies. Although not expected, if persons entering the 20th Floor do experience non-specific ill effects, such as eye irritation, allergy symptoms, headache, or skin rash, then those affected should be referred to a medical professional in order to determine or specify the possible cause(s) of such reactions. If additional information becomes available, then further assessment may be warranted.

If you have any comments or questions regarding the information contained in this correspondence, please feel free to contact our offices directly at (310) 370-8370.

Sincerely,

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

Kenny K. Hsi, CIH
Technical Director

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

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TABLE 21008001-7
SURFACE FUNGAL GROWTH POTENTIALS
ABATEMENT MONITORING
20TH FLOOR
SACRAMENTO, CALIFORNIA
AUGUST AND SEPTEMBER, 2010

DATE	SAMPLE NUMBER	SAMPLING LOCATION	BACKGROUND DEBRIS	MISCELLANEOUS SPORES PRESENT*	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
08-23-10	21008001-7 TL01RE	Men's Restroom; within containment; sink area; eastern partition wall; about center; approximately 12 inches above floor; from vertical surface of gypsum board	Light	Very few	4+ *Chaetomium* species (ascospores, ascomata, hyphae)	None	Fungal growth
08-23-10	21008001-7 TL02RE	Men's Restroom; within containment; sink area; eastern partition wall; about five feet north of southern partition wall; approximately 12 inches above floor; from vertical surface of gypsum board	Very heavy	Very few	2+ *Alternaria* species (spores, hyphae, conidiophores) 1+ *Chaetomium* species (ascospores, hyphae)	None	Fungal growth
08-23-10	21008001-7 TL03RE	Men's Restroom; within containment; eastern partition wall cavity; about center; approximately 12 inches above floor; from vertical surface of elevator shaft western partition gypsum board wall	Very heavy	Very few	3+ *Cladosporium* species (spores, hyphae, conidiophores) 2+ *Alternaria* species (spores, hyphae, conidiophores)	Very few *Chaetomium* spores detected.	Fungal growth
08-23-10	21008001-7 TL04RE	Men's Restroom; within containment; walk in cavity north of towel dispenser area; eastern partition wall; about center; approximately nine inches above floor; from vertical surface of gypsum board	Very heavy	Very few	3+ *Alternaria* species (spores, hyphae, conidiophores)	None	Fungal growth

*Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

**Quantities of fungi are graded (from least to greatest) as <1+ to 4+.

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AUGUST AND SEPTEMBER, 2010

DATE	SAMPLE NUMBER	SAMPLING LOCATION	BACKGROUND DEBRIS	MISCELLANEOUS SPORES PRESENT*	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
08-23-10	21008001-7 TL101LS	Janitor Closet; within containment; western partition wall; about center; approximately one inch above floor; from vertical surface of gypsum board	Heavy	Few	4+ *Chaetomium* species (ascospores, ascomata, hyphae) 4+ *Stachybotrys* species (spores, hyphae, conidiophores) 1+ *Alternaria* species (spores, hyphae, conidiophores)	None	Fungal growth
08-23-10	21008001-7 TL102LS	Janitor Closet; within containment; sink area; eastern partition wall cavity; about center; approximately three feet above floor; from vertical surface of second layer gypsum board	Very heavy	Very few	None	None	Background
08-23-10	21008001-7 TL103LS	Women's Restroom; within containment; western partition sink cabinetry at northern end; from reverse side of previously removed cabinetry	Heavy	Very few	4+ *Aspergillus* species (spores, hyphae, conidiophores)	None	Fungal growth
08-23-10	21008001-7 TL104LS	Women's Restroom; within containment; sink area at northern end; western partition wall; approximately 12 inches above floor; from vertical surface of gypsum board	Heavy	Very few	4+ *Aspergillus* species (spores, hyphae, conidiophores)	None	Fungal growth
08-23-10	21008001-7 TL105LS	Janitor Closet; within containment; western partition wall cavity; about center; approximately 12 inches above floor; from vertical surface of second layer gypsum board	Very heavy	Very few	None	None	Background

*Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

**Quantities of fungi are graded (from least to greatest) as <1+ to 4+.

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SACRAMENTO, CALIFORNIA
AUGUST AND SEPTEMBER, 2010

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08-23-10	21008001-7 TL106LS	Women's Restroom; within containment; western partition wall cavity; about center; approximately one inch above floor; from vertical surface of elevator shaft eastern partition wall gypsum board	Heavy	Very few	4+ *Penicillium* species (spores, hyphae, conidiophores) < 1+ *Stachybotrys* species (spores, hyphae, conidiophores)	None	Fungal growth
08-24-10	21008001-7 TL05RE	Women's Restroom; within containment; ceiling plenum; eastern partition wall cavity at northeastern corner; about center; approximately 18 inches above ceiling; from vertical surface of second layer gypsum board	Very heavy	Very few	4+ *Alternaria* species (spores, hyphae, conidiophores) 4+ *Cladosporium* species (spores, hyphae, conidiophores)	None	Fungal growth
08-24-10	21008001-7 TL06RE	Janitor Closet; within containment; ceiling about 18 inches north of access hatch; from reverse side of previously removed gypsum board	Vey heavy	Very few	None	Very few *Chaetomium* spores detected.	Possible settling from fungal growth in vicinity
08-24-10	21008001-7 TL07RE	Fire Storage Equipment Room; within containment; eastern partition wall; about two feet north of southern partition wall; approximately one inch above floor; from vertical surface of gypsum board	Heavy	Very few	4+ *Chaetomium* species (ascospores, ascomata, hyphae)	None	Fungal growth

*Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

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SACRAMENTO, CALIFORNIA
AUGUST AND SEPTEMBER, 2010

DATE	SAMPLE NUMBER	SAMPLING LOCATION	BACKGROUND DEBRIS	MISCELLANEOUS SPORES PRESENT*	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
08-24-10	21008001-7 TL08RE	Fire Storage Equipment Room; within containment; eastern partition wall cavity; about two feet north of southern partition wall; approximately one inch above floor; from vertical surface of second layer gypsum board	Heavy	Very few	4+ *Chaetomium* species (ascospores, ascomata, hyphae) 2+ *Penicillium* species (spores, hyphae, conidiophores)	None	Fungal growth
08-26-10	21008001-7 TL01KT	Mail Center Storage Room 20B; southern partition wall; about center; approximately three inches above floor; from vertical surface of gypsum board	Very heavy	Very few	None	None	Background
08-26-10	21008001-7 TL02KT	Mail Center Storage Room 20B; within containment; southern partition wall cavity at southwestern corner; approximately three inches above floor; from vertical surface of second layer gypsum board	Very heavy	Very few	4+ *Ulocladium* species (spores, hyphae, conidiophores)	None	Fungal growth
08-27-10	21008001-7 TL11RE	South and East quadrants containment; southwestern corner; Column K22 area; flooring; about five feet south of Cubicle 57; from reverse side of previously removed carpet	Heavy	Very few	4+ Colorless spores typical of *Penicillium/Aspergillus* (spores, hyphae)	None	Fungal growth

*Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

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08-27-10	21008001-7 TL12RE	South and East quadrants containment; between Column K21 and K22; area between Cubicle 27 and 30; flooring; from reverse side of previously removed carpet	Very heavy	Very few	4+ Colorless spores typical of *Penicillium/Aspergillus* (spores, hyphae)	None	Fungal growth
08-27-10	21008001-7 TL13RE	South and East quadrants containment; Room 2017; northwestern corner; flooring; from reverse side of previously removed carpet	Very heavy	Very few	None	None	Fungal growth
08-27-10	21008001-7 TL14RE	South and East quadrants containment; Column K18 area; about five feet northeast of ColumnK18; flooring; from reverse side of previously removed carpet	Very heavy	Very few	3+ Colorless spores typical of *Penicillium/Aspergillus* (spores, hyphae)	None	Fungal growth
08-27-10	21008001-7 TL15RE	South and East quadrants containment; Column L17 area; about one foot west of Cubicle 6; flooring; from reverse side of previously removed carpet	Very heavy	Very few	4+ Colorless spores typical of *Penicillium/Aspergillus* (spores, hyphae)	None	Fungal growth

*Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

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08-27-10	21008001-7 TL16RE	South and East quadrants containment; southeastern corner; eastern punch-out window; windowsill; at southern end; from reverse side of previously removed gypsum board	Moderate	Very few	4+ *Stachybotrys* species (spores, hyphae, conidiophores) 3+ *Ulocladium* species (spores, hyphae, conidiophores) < 1+ Colorless spores typical of *Penicillium/Aspergillus* (spores, hyphae)	None	Fungal growth
08-27-10	21008001-7 TL17RE	South and East quadrants containment; southeastern corner; southern punch-out window; window sill at eastern end; from reverse side of previously removed gypsum board	Moderate	Very few	4+ *Stachybotrys* species (spores, hyphae, conidiophores) 3+ *Ulocladium* species (spores, hyphae, conidiophores) < 1+ Colorless spores typical of *Penicillium/Aspergillus* (spores, hyphae)	Very few *Chaetomium* spores detected.	Fungal growth
09-03-10	21008001-7 TL51SM	Conference Room 2005; within containment; subfloor; about three feet east of entry door and approximately three feet south of northern partition wall; from horizontal surface of concrete	Heavy	Very few	3+ *Penicillium* species (spores, hyphae, conidiophores)	None	Fungal growth
09-03-10	21008001-7 TL52SM	Conference Room 2005; within containment; about five feet east of entry door and approximately three feet south of northern partition wall; flooring; from reverse side of previously removed carpet	Moderate	Very few	4+ *Penicillium* species (spores, hyphae, conidiophores)	None	Fungal growth

*Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

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SACRAMENTO, CALIFORNIA
AUGUST AND SEPTEMBER, 2010

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09-07-10	21009001-7 TL01RE	North and west quadrants containment; Room 2013; sink area; eastern partition wall; about three feet south of northern partition wall; approximately one foot above floor; from vertical surface of gypsum board	Very heavy	Very few	4+ *Stachybotrys* species (spores, hyphae, conidiophores) 2+ *Chaetomium* species (ascospores, ascomata, hyphae) 2+ Colorless spores typical of *Penicillium/Aspergillus* (spores, hyphae)	None	Fungal growth
09-07-10	21009001-7 TL02RE	North and west quadrants containment; Room 2002; western partition wall contiguous with Room 2013 eastern partition wall;; about center; approximately one inch above floor; from vertical surface of gypsum board	Heavy	Very few	3+ *Chaetomium* species (ascospores, hyphae) 3+ *Stachybotrys* species (spores, hyphae, conidiophores) 2+ *Penicillium* species (spores, hyphae, conidiophores) 1+ *Cladosporium* species (spores, hyphae, conidiophores)	None	Fungal growth
09-07-10	21009001-7 TL03RE	North and west quadrants containment; Work Room 2009A; southern partition wall; about three feet east of western partition wall; approximately two inches above floor; from vertical surface of gypsum board	Heavy	Very few	2+ *Chaetomium* species (ascospores, hyphae) 1+ *Aspergillus* species (spores, hyphae, conidiophores) 1+ *Penicillium* species (spores, hyphae, conidiophores)	None	Fungal growth

*Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

**Quantities of fungi are graded (from least to greatest) as <1+ to 4+.

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20TH FLOOR
SACRAMENTO, CALIFORNIA
AUGUST AND SEPTEMBER, 2010

DATE	SAMPLE NUMBER	SAMPLING LOCATION	BACKGROUND DEBRIS	MISCELLANEOUS SPORES PRESENT*	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
09-07-10	21009001-7 TL04RE	North and west quadrants containment; area between northern punch-out window and Cubicle 117; flooring; about center; from reverse side of previously removed carpet	Moderate	Very few	2+ Colorless spores typical of *Penicillium/Aspergillus* (spores, hyphae)	None	Fungal growth
09-07-10	21009001-7 TL05RE	North and west quadrants containment; area between Cubicle 93.01 and 94; flooring; about center; from reverse side of previously removed carpet	Moderate	Very few	3+ Colorless spores typical of *Penicillium/Aspergillus* (spores, hyphae)	None	Fungal growth
09-08-10	21009001-7 TL06RE	North and west quadrants containment; File Room 2010; about ten feet southeast of entry door; flooring; from reverse side of previously removed carpet	Heavy	Very few	1+ Colorless spores typical of *Penicillium/Aspergillus* (spores, hyphae)	A few insect parts detected.	Fungal growth
09-08-10	21009001-7 TL07RE	North and west quadrants containment; about ten feet west of Column N22; flooring; from reverse side of previously removed carpet	Very heavy	Very few	None	None	Background
09-08-10	21009001-7 TL08RE	North and west quadrants containment; area between Column L22 and M22 along eastern partition wall; about center; from reverse side of carpet	Heavy	Very few	3+ Colorless spores typical of *Penicillium/Aspergillus* (spores, hyphae)	None	Fungal growth

*Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

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TABLE 21008001-8
AIRBORNE TOTAL FUNGI RESULTS
CLEARANCE
20TH FLOOR
SACRAMENTO, CALIFORNIA
AUGUST AND SEPTEMBER, 2010

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	**21008001-8 TM01OUTKT**	**21008001-8 TM02KT**	**21008001-8 TM03KT**	**21008001-8 TM04KT**
SAMPLING LOCATION/ACTIVITIES	Outdoors; about 15 feet west of building; approximately five feet above ground/Normal outdoor activities	Men's Restroom; within containment; about center; approximately five feet above floor/Post abatement; sampling activities only	Women's Restroom; within containment; about center; approximately five feet above floor/Post abatement; sampling activities only	Janitor Closet; within containment; about center; approximately five feet above floor/Post abatement; sampling activities only
DATE	08-25-10	08-25-10	08-25-10	08-25-10
START/STOP	14:30:00/14:35:00	14:53:00/14:58:00	15:09:00/15:14:00	15:30:00/15:35:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria	27			
Ascospores				
Basidiospores	640			
Bipolaris/Drechslera group	27			
Botrytis				
Chaetomium	53			
Cladosporium	3,400			
Curvularia	13			
Epicoccum	27			
Nigrospora	53			
Oidium	13			
Other brown	13			
Other colorless				
Penicillium/Aspergillus types	53			
Pithomyces				
Rusts				
Smuts, Periconia, Myxomycetes	370			
Stachybotrys				
Stemphylium				
Torula	13			
Ulocladium				
Hyphal fragments	40	<13	<13	13
Background debris*	3+	2+	2+	2+
TOTAL**	4,700	<13	<13	<13

*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

**Note that all reported counts have been rounded to no more than two significant figures based on the sampling and analytical methods used, and therefore the total count may not equal the sum of the individual counts in a column.

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CLEARANCE
20TH FLOOR
SACRAMENTO, CALIFORNIA
AUGUST AND SEPTEMBER, 2010

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	**21008001-8 TM05KT**	**21008001-8 TM06KT**	**21008001-8 TM01OUTLS**	**21008001-8 TM02LS**
SAMPLING LOCATION/ACTIVITIES	Outdoors; about 15 feet west of building; approximately five feet above ground/Normal outdoor activities	Fire Storage Equipment Room; within containment; about center; approximately five feet above floor/Post abatement; sampling activities only	Outdoors; southwestern corner of building; approximately five feet above ground/Normal outdoor activities	Mail Center Storage Room 20B; northwestern portion; within containment; about center; approximately five feet above floor/Post abatement; sampling activities only
DATE	08-26-10	08-26-10	08-27-10	08-27-10
START/STOP	10:45:00/10:50:00	11:06:00/11:11:00	15:38:00/15:43:00	15:59:00/16:04:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria	13		80	
Ascospores	53			
Basidiospores	640		430	53
Bipolaris/Drechslera group	53			
Botrytis				
Chaetomium	13			
Cladosporium	5,000		2,300	
Curvularia				
Epicoccum				
Nigrospora				
Oidium			13	
Other brown	53		27	
Other colorless				
Penicillium/Aspergillus types	210		530	53
Pithomyces				
Rusts			13	
Smuts, Periconia, Myxomycetes	330		93	
Stachybotrys				
Stemphylium				
Torula	13			
Ulocladium				
Hyphal fragments	53	<13	13	<13
Background debris*	3+	2+	3+	1+
TOTAL**	6,400	<13	3,500	110

*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

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HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

CLIENT: State of California
Board of Equalization
450 N Street
Sacramento, California 94279

TABLE 21008001-8
AIRBORNE TOTAL FUNGI RESULTS
CLEARANCE
20TH FLOOR
SACRAMENTO, CALIFORNIA
AUGUST AND SEPTEMBER, 2010

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	**21008001-8 TM03LS**	**21008001-8 TM01OUTSM**	**21008001-8 TM02SM**	**21008001-8 TM03SM**
SAMPLING LOCATION/ACTIVITIES	Southern hallway contiguous with Fire Storage Equipment Room; within containment; about center; approximately five feet above floor/Post abatement; sampling activities only	Outdoors; southwestern corner of the building; approximately five feet above ground/Normal outdoor activities	South and east quadrants containment; Column K22 area; Cubicle 55; about center; approximately five feet above floor/Post abatement; sampling activities only	South and east quadrants containment; Column J20 area; Cubicle 21; about center; approximately five feet above floor/Post abatement; sampling activities only
DATE	08-27-10	09-03-10	09-03-10	09-03-10
START/STOP	16:14:00/16:19:00	12:57:00/13:02:00	13:21:00/13:26:00	13:29:00/13:34:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				
Ascospores		270		
Basidiospores		1,300		
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium		1,200		
Curvularia				
Epicoccum				
Nigrospora		53		
Oidium				
Other brown	13			
Other colorless				
Penicillium/Aspergillus types		210		
Pithomyces				
Rusts				
Smuts, Periconia, Myxomycetes		490		
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Hyphal fragments	<13	40	<13	<13
Background debris*	2+	3+	1+	1+
TOTAL**	13	3,500	<13	<13

*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

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AIRBORNE TOTAL FUNGI RESULTS
CLEARANCE
20TH FLOOR
SACRAMENTO, CALIFORNIA
AUGUST AND SEPTEMBER, 2010

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	**21008001-8 TM04SM**	**21008001-8 TM05SM**	**21008001-8 TM06SM**	**21009001-8 TM01OUTKT**
SAMPLING LOCATION/ACTIVITIES	South and east quadrants containment; Column K20 area; File Room 2018; about eight feet northeast of entry door; approximately five feet above floor/Post abatement; sampling activities only	South and east quadrants containment; Column K17 area; Cubicle 9; about center; approximately five feet above floor/Post abatement; sampling activities only	South and east quadrants containment; Column N17 area; Cubicle 122; about center; approximately five feet above floor/Post abatement; sampling activities only	Outdoors; about 15 feet west of the building; approximately five feet above ground/Normal outdoor activities
DATE	09-03-10	09-03-10	09-03-10	09-07-10
START/STOP	13:37:00/13:42:00	13:46:00/13:51:00	13:57:00/14:02:00	09:46:00/09:51:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				67
Ascospores				53
Basidiospores				750
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				27
Cladosporium				2,400
Curvularia				
Epicoccum				
Nigrospora				40
Oidium				27
Other brown				27
Other colorless				13
Penicillium/Aspergillus types				
Pithomyces				
Rusts				67
Smuts, Periconia, Myxomycetes				1,100
Stachybotrys				
Stemphylium				13
Torula				27
Ulocladium				
Hyphal fragments	<13	<13	<13	190
Background debris*	<1+	<1+	<1+	4+
TOTAL**	<13	<13	<13	4,600

*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

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CLEARANCE
20TH FLOOR
SACRAMENTO, CALIFORNIA
AUGUST AND SEPTEMBER, 2010

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	**21009001-8 TM02KT**	**21009001-8 TM01OUTLS**	**21009001-8 TM02LS**	**21009001-8 TM03LS**
SAMPLING LOCATION/ACTIVITIES	Conference Room 2005; within containment; about center; approximately five feet above floor/Post abatement; sampling activities only	Outdoor; southwestern corner of the building; approximately five feet above ground/Normal outdoor activities	North and west quadrants containment; Column L22 area; Cubicle 66 entryway; about center; approximately five feet above floor/Post abatement; sampling activities only	North and west quadrants containment; about 15 feet south of northern punch-out window; Cubicle 76; about center; approximately five feet above floor/Post abatement; sampling activities only
DATE	09-07-10	09-15-10	09-15-10	09-15-10
START/STOP	10:16:00/10:21:00	12:18:00/12:23:00	12:40:00/12:45:00	12:48:00/12:53:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria		27		
Ascospores		210		
Basidiospores		590		
Bipolaris/Drechslera group				
Botrytis				
Chaetomium		27		
Cladosporium		2,500		
Curvularia				
Epicoccum				
Nigrospora		27		
Oidium				
Other brown				
Penicillium/Aspergillus types		590		
Pithomyces				
Rusts		53		
Smuts, Periconia, Myxomycetes	13	230		13
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Hyphal fragments	<13	27	<13	<13
Background debris*	3+	3+	2+	1+
TOTAL**	13	4,200	<13	13

*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

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TABLE 21008001-8
AIRBORNE TOTAL FUNGI RESULTS
CLEARANCE
20TH FLOOR
SACRAMENTO, CALIFORNIA
AUGUST AND SEPTEMBER, 2010

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	**21009001-8 TM04LS**	**21009001-8 TM05LS**	**21009001-8 TM06LS**	
SAMPLING LOCATION/ACTIVITIES	North and west quadrants containment; Room 2013; about center; approximately five feet above floor/Post abatement; sampling activities only	North and west quadrants containment; Column O20 area; Cubicle 87 entrance; about center; approximately five feet above floor/Post abatement; sampling activities only	North and west quadrants containment; Column N18 area; Work Room 2009A entry way; approximately five feet above floor/Post abatement; sampling activities only	This column intentionally left blank
DATE	09-15-10	09-15-10	09-15-10	
START/STOP	12:56:00/13:01:00	13:06:00/13:11:00	13:14:00/13:19:00	
SAMPLE TIME	5 minutes	5 minutes	5 minutes	
Alternaria				
Ascospores				
Basidiospores				
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium				
Curvularia				
Epicoccum				
Nigrospora				
Oidium				
Other brown				
Penicillium/Aspergillus types				
Pithomyces				
Rusts				
Smuts, Periconia, Myxomycetes			13	
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Hyphal fragments	<13	<13	<13	
Background debris*	<1+	1+	2+	
TOTAL**	<13	<13	13	

*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

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TABLE 21008001-9
SURFACE FUNGAL GROWTH POTENTIALS
CLEARANCE
20TH FLOOR
SACRAMENTO, CALIFORNIA
AUGUST AND SEPTEMBER, 2010

DATE	SAMPLE NUMBER	SAMPLING LOCATION	BACKGROUND DEBRIS	MISCELLANEOUS SPORES PRESENT*	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
08-25-10	21008001-9 TL01KT	Men's Restroom; within containment; eastern partition wall cavity; about center; approximately 12 inches above floor; from vertical surface of metal framing	Light	Very few	None	None	Background
08-25-10	21008001-9 TL02KT	Men's Restroom; within containment; walk-in-cavity north of towel dispenser area; floor about center; from horizontal surface of concrete	Light	Very few	None	None	Background
08-25-10	21008001-9 TL03KT	Women's Restroom; within containment; ceiling plenum; eastern partition wall; about three feet south of northern partition wall; approximately 12 inches above ceiling; from vertical surface of second layer gypsum board	Moderate	Very few	None	None	Background
08-25-10	21008001-9 TL04KT	Women's Restroom; within containment; western partition wall cavity; about center; approximately 12 inches above floor; from vertical surface of metal framing	Light	Very few	None	None	Background

*Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

**Quantities of fungi are graded (from least to greatest) as <1+ to 4+.

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CLEARANCE
20TH FLOOR
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AUGUST AND SEPTEMBER, 2010

DATE	SAMPLE NUMBER	SAMPLING LOCATION	BACKGROUND DEBRIS	MISCELLANEOUS SPORES PRESENT*	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
08-25-10	21008001-9 TL05KT	Women's Restroom; within containment; floor; about center; from horizontal surface of ceramic tile	Light	Very few	None	None	Background
08-25-10	21008001-9 TL06KT	Janitor Closet; within containment; ceiling plenum; about three feet north of southern partition wall; approximately three feet east of western partition wall; from horizontal surface of metal framing	Light	Very few	None	None	Background
08-25-10	21008001-9 TL07KT	Janitor Closet; within containment; southern partition wall cavity; about one foot west of eastern partition wall; approximately 12 inches above floor; from vertical surface of metal stud	Light	Very few	None	None	Background
08-26-10	21008001-9 TL08KT	Fire Storage Equipment Room; within containment; eastern partition wall; about center; approximately three feet above floor; from vertical surface of gypsum board	Light	Very few	None	None	Background

*Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

**Quantities of fungi are graded (from least to greatest) as <1+ to 4+.

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AUGUST AND SEPTEMBER, 2010

DATE	SAMPLE NUMBER	SAMPLING LOCATION	BACKGROUND DEBRIS	MISCELLANEOUS SPORES PRESENT*	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
08-26-10	21008001-9 TL09KT	Fire Storage Equipment Room; within containment; southeastern corner; floor; about center; approximately one foot north of southern partition wall; from horizontal surface of vinyl tile	Light	Very few	None	None	Background
08-27-10	21008001-9 TL01LS	Mail Center Storage Room 20B; northwestern portion; within containment; southern partition wall cavity at eastern end; approximately six inches above floor; from vertical surface of second layer of gypsum board	Light	Very few	None	None	Background
08-27-10	21008001-9 TL02LS	Mail Center Storage Room 20B; within containment; northwestern portion; subfloor along southern partition wall; about center; from horizontal surface of concrete	Moderate	None	None	None	Background
09-03-10	21008001-9 TL01SM	South and East quadrants containment; Column L17 area; Cubicle 122; subfloor; about center; from horizontal surface of concrete	Light	Very few	None	None	Background

*Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

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CLEARANCE
20TH FLOOR
SACRAMENTO, CALIFORNIA
AUGUST AND SEPTEMBER, 2010

DATE	SAMPLE NUMBER	SAMPLING LOCATION	BACKGROUND DEBRIS	MISCELLANEOUS SPORES PRESENT*	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
09-03-10	21008001-9 TL02SM	South and east quadrants containment; Column L17 area; Cubicle 5; subfloor; about center; from horizontal surface of concrete	Moderate	Very few	None	None	Background
09-03-10	21008001-9 TL03SM	South and east quadrants containment; Room 2004; subfloor; about three feet north of entry door; approximately four feet west of eastern partition wall; from horizontal surface of concrete	Moderate	Very few	None	None	Background
09-03-10	21008001-9 TL04SM	South and east quadrants containment; Column K17 area; Cubicle 9; subfloor; about center; from horizontal surface of concrete	Moderate	Very few	None	None	Background
09-03-10	21008001-9 TL05SM	South and east quadrants containment;; Column K18 area; Cubicle 42; subfloor; about center; from horizontal surface of concrete	Moderate	Very few	None	None	Background
09-03-10	21008001-9 TL06SM	South and east quadrants containment; Column K20 area; Cubicle 49; subfloor; about center; from horizontal surface of concrete	Moderate	Very few	None	None	Background

*Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

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DATE	SAMPLE NUMBER	SAMPLING LOCATION	BACKGROUND DEBRIS	MISCELLANEOUS SPORES PRESENT*	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
09-03-10	21008001-9 TL07SM	South and east quadrants containment; Column J21 area; Cubicle 26; subfloor; about center; from horizontal surface of concrete	Moderate	Very few	None	None	Background
09-03-10	21008001-9 TL08SM	South and east quadrants containment; Column K22 area; Cubicle 57; subfloor; about center; from horizontal surface of concrete	Moderate	Very few	None	None	Background
09-03-10	21008001-9 TL09SM	South and east quadrants containment; Column K21 area; Cubicle 54; northern cubicle partition; about center; from horizontal surface of plastic sheeting	Light	Very few	None	None	Background
09-03-10	21008001-9 TL10SM	South and east quadrants containment; Column K19 area; Cubicle 39; eastern cubicle partition; about center; from horizontal surface of plastic sheeting	Light	Very few	None	None	Background
09-03-10	21008001-9 TL11SM	South and east quadrants containment; southeastern corner; eastern punch-out window; windowsill; about center; from horizontal surface of metal	Light	Very few	None	None	Background

*Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

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DATE	SAMPLE NUMBER	SAMPLING LOCATION	BACKGROUND DEBRIS	MISCELLANEOUS SPORES PRESENT*	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
09-03-10	21008001-9 TL12SM	South and east quadrants containment; southeastern corner; eastern punch-out window; window jamb at southern end; about center; approximately one inch above windowsill; from vertical surface of metal	Light	Very few	None	None	Background
09-03-10	21008001-9 TL13SM	South and east quadrants containment; southeastern corner; southern punch-out window; windowsill; about center; from horizontal surface of metal	Light	Very few	None	None	Background
09-03-10	21008001-9 TL14SM	South and east quadrants containment;; southeastern corner; southern punch-out window; window jamb at western end; about center; approximately one inch above windowsill; from vertical surface of metal	Light	Very few	None	None	Background
09-03-10	21008001-9 TL15SM	South and east quadrants containment; Column M17 area; Cubicle 4; western cubicle partition; about center; from horizontal surface of plastic sheeting	Light	Very few	None	None	Background

*Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

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AUGUST AND SEPTEMBER, 2010

DATE	SAMPLE NUMBER	SAMPLING LOCATION	BACKGROUND DEBRIS	MISCELLANEOUS SPORES PRESENT*	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
09-03-10	21008001-9 TL16SM	South and east quadrants containment;; Column N19 area; Cubicle 118; western cubicle partition; about center; from horizontal surface of plastic sheeting	Light	Very few	None	None	Background
09-07-10	21009001-9 TL01KT	Conference Room 2005; within containment; subfloor; approximately three inches south of northern partition wall and about center; from horizontal surface of concrete	Light	Very few	None	None	Background
09-07-10	21009001-9 TL02KT	Conference Room 2005; within containment; subfloor approximately three inches north of southern partition wall and about center; from horizontal surface of concrete	Light	Very few	None	None	Background
09-07-10	21009001-9 TL03KT	Conference Room 2005; within containment; eastern partition wall; about center; approximately one foot above floor; from vertical surface of gypsum board	Light	Very few	None	None	Background

*Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

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AUGUST AND SEPTEMBER, 2010

DATE	SAMPLE NUMBER	SAMPLING LOCATION	BACKGROUND DEBRIS	MISCELLANEOUS SPORES PRESENT*	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
09-15-10	21009001-9 TL01LS	North and west quadrants containment; about 20 feet southwest of Column L22; Cubicle 66 entry way; subfloor; from horizontal surface of concrete	Moderate	Very few	None	None	Background
09-15-10	21009001-9 TL02LS	North and west quadrants containment; southern punch-out window area; Cubicle 68; about three feet northwest of entry; subfloor; from horizontal surface of concrete	Moderate	Very few	None	None	Background
09-15-10	21009001-9 TL03LS	North and west quadrants containment; about 15 feet south of northern punch-out window; Cubicle 76; northeastern corner; subfloor; from horizontal surface of concrete	Heavy	Very few	None	None	Background
09-15-10	21009001-9 TL04LS	North and west quadrants containment; northwestern corner; northern punch-out window area; Cubicle 77; about center; subfloor; from horizontal surface of concrete	Moderate	Very few	None	None	Background

*Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

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DATE	SAMPLE NUMBER	SAMPLING LOCATION	BACKGROUND DEBRIS	MISCELLANEOUS SPORES PRESENT*	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
09-15-10	21009001-9 TL05LS	North and west quadrants containment; Column M22; southern partition wall; about center; approximately three inches above floor; from vertical surface of gypsum board	Light	Very few	None	None	Background
09-15-10	21009001-9 TL06LS	North and west quadrants containment; area between Column M22 and L22; subfloor; about center; from horizontal surface of concrete	Moderate	Very few	None	None	Background
09-15-10	21009001-9 TL07LS	North and west quadrants containment; Room 2013; northeastern corner; subfloor; from horizontal surface of concrete	Heavy	Very few	None	None	Background
09-15-10	21009001-9 TL08LS	North and west quadrants containment; Room 2013; eastern partition wall cavity at northeastern corner; approximately one inch above floor; from vertical surface of metal stud rail	Light	Very few	None	None	Background

*Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

**Quantities of fungi are graded (from least to greatest) as <1+ to 4+.

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AUGUST AND SEPTEMBER, 2010

DATE	SAMPLE NUMBER	SAMPLING LOCATION	BACKGROUND DEBRIS	MISCELLANEOUS SPORES PRESENT*	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
09-15-10	21009001-9 TL09LS	North and west quadrants containment; Storage Room at southeastern corner of Room 2013; subfloor along eastern partition wall cavity; about center; from horizontal surface of vinyl tile	Light	Very few	None	None	Background
09-15-10	21009001-9 TL10LS	North and west quadrants containment; Column N22 area; Cubicle 79.01; counter top at southern end; about center; from horizontal surface of plastic sheeting	Light	Very few	None	None	Background
09-15-10	21009001-9 TL11LS	North and west quadrants containment; area between Column O20 and O21; Cubicle 85; southern cubicle partition at eastern end; approximately two inches above floor; from vertical surface of plastic sheeting	Moderate	Very few	None	None	Background
09-15-10	21009001-9 TL12LS	North and west quadrants containment; area between Column O20 and O21; Cubicle 101; subfloor; about center; from horizontal surface of concrete	Heavy	Very few	None	None	Background

*Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

**Quantities of fungi are graded (from least to greatest) as <1+ to 4+.

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AUGUST AND SEPTEMBER, 2010

DATE	SAMPLE NUMBER	SAMPLING LOCATION	BACKGROUND DEBRIS	MISCELLANEOUS SPORES PRESENT*	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
09-15-10	21009001-9 TL13LS	North and west quadrants containment; Work Room 2009A; southern partition wall cavity; about five feet east of western partition wall; from horizontal surface of metal stud rail	Light	Very few	None	None	Background
09-15-10	21009001-9 TL14LS	North and west quadrants containment; Work Room 2009A; southern partition wall cavity; about center; approximately two inches above floor; from vertical surface of metal stud	Light	Very few	None	None	Background
09-15-10	21009001-9 TL15LS	North and west quadrants containment; Column N18 area; Cubicle 117; subfloor; about center; from horizontal surface of concrete	Heavy	Very few	None	None	Background
09-15-10	21009001-9 TL16LS	North and west quadrants containment; Column N18; western partition wall; about center; approximately three inches above floor; from vertical surface of gypsum board	Light	Very few	None	None	Background

*Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

**Quantities of fungi are graded (from least to greatest) as <1+ to 4+.

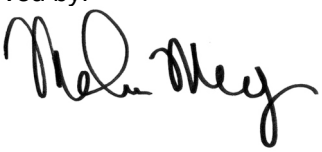
EMLab P&K

Report for:

Mr. Wesley Frey, Mr. Larry Sandhu
Hygiene Technologies International, Inc.: Northern California
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Regarding: Project: 21008001-7
EML ID: 695175

Approved by:



Lab Manager
Malcolm Moody

Dates of Analysis:
Direct microscopic exam (Qualitative): 08-26-2010

Service SOPs: Direct microscopic exam (Qualitative) (I100005)

Document Number: 200091 - Revision Number: 5

EMLab P&K
880 Riverside Parkway, West Sacramento, CA 95605
(866) 888-6653 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 21008001-7

Date of Sampling: 08-24-2010
Date of Receipt: 08-25-2010
Date of Report: 08-26-2010

DIRECT MICROSCOPIC EXAMINATION REPORT

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 3081908-1: Tape sample 21008001-7 TL05RE				
Very Heavy	Very few	4+ *Alternaria* species (spores, hyphae, conidiophores) 4+ *Cladosporium* species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 3081909-1: Tape sample 21008001-7 TL06RE				
Very Heavy	Very few	None	Very few *Chaetomium* spores detected.	Mold growth in vicinity?
Lab ID-Version: 3081910-1: Tape sample 21008001-7 TL07RE				
Heavy	Very few	4+ *Chaetomium* species (ascospores, ascomata, hyphae)	None	Mold growth
Lab ID-Version: 3081911-1: Tape sample 21008001-7 TL08RE				
Heavy	Very few	4+ *Chaetomium* species (ascospores, ascomata, hyphae) 2+ *Penicillium* species (spores, hyphae, conidiophores)	None	Mold growth

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

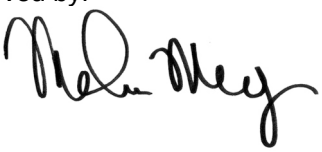
EMLab P&K

Report for:

Mr. Wesley Frey, Mr. Larry Sandhu, Mr. Ken Tse
Hygiene Technologies International, Inc.: Northern California
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Regarding: Project: 21008001-7
EML ID: 696218

Approved by:



Lab Manager
Malcolm Moody

Dates of Analysis:
Direct microscopic exam (Qualitative): 08-30-2010

Service SOPs: Direct microscopic exam (Qualitative) (I100005)

Document Number: 200091 - Revision Number: 5

EMLab P&K
880 Riverside Parkway, West Sacramento, CA 95605
(866) 888-6653 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu, Mr. Ken Tse
Re: 21008001-7

Date of Sampling: 08-26-2010
Date of Receipt: 08-27-2010
Date of Report: 08-30-2010

DIRECT MICROSCOPIC EXAMINATION REPORT

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 3086346-1: Tape sample 21008001-7 TL01KT				
Very Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 3086347-1: Tape sample 21008001-7 TL02KT				
Very Heavy	Very few	4+ *Ulocladium* species (spores, hyphae, conidiophores)	None	Mold growth

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

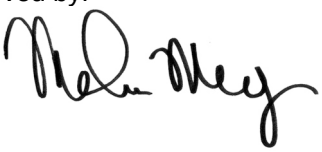
EMLab P&K

Report for:

Mr. Wesley Frey, Mr. Larry Sandhu
Hygiene Technologies International, Inc.: Northern California
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Regarding: Project: 21008001-7
EML ID: 696798

Approved by:



Lab Manager
Malcolm Moody

Dates of Analysis:
Direct microscopic exam (Qualitative): 08-31-2010

Service SOPs: Direct microscopic exam (Qualitative) (I100005)

Document Number: 200091 - Revision Number: 5

EMLab P&K
880 Riverside Parkway, West Sacramento, CA 95605
(866) 888-6653 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 21008001-7

Date of Sampling: 08-27-2010
Date of Receipt: 08-30-2010
Date of Report: 08-31-2010

DIRECT MICROSCOPIC EXAMINATION REPORT
(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 3088853-1: Tape sample 21008001-7 TL11RE				
Heavy	Very few	4+ Colorless spores typical of *Penicillium/Aspergillus* (spores, hyphae)	None	Mold growth
Lab ID-Version: 3088854-1: Tape sample 21008001-7 TL12RE				
Very Heavy	Very few	4+ Colorless spores typical of *Penicillium/Aspergillus* (spores, hyphae)	None	Mold growth
Lab ID-Version: 3088855-1: Tape sample 21008001-7 TL13RE				
Very Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 3088856-1: Tape sample 21008001-7 TL14RE				
Very Heavy	Very few	3+ Colorless spores typical of *Penicillium/Aspergillus* (spores, hyphae)	None	Mold growth
Lab ID-Version: 3088857-1: Tape sample 21008001-7 TL15RE				
Very Heavy	Very few	4+ Colorless spores typical of *Penicillium/Aspergillus* (spores, hyphae)	None	Mold growth
Lab ID-Version: 3088858-1: Tape sample 21008001-7 TL16RE				
Moderate	Very few	4+ *Stachybotrys* species (spores, hyphae, conidiophores) 3+ *Ulocladium* species (spores, hyphae, conidiophores) < 1+ Colorless spores typical of *Penicillium/Aspergillus* (spores, hyphae)	None	Mold growth

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 3088859-1: Tape sample 21008001-7 TL17RE				
Moderate	Very few	4+ *Stachybotrys* species (spores, hyphae, conidiophores) 3+ *Ulocladium* species (spores, hyphae, conidiophores) < 1+ Colorless spores typical of *Penicillium/Aspergillus* (spores, hyphae)	Very few *Chaetomium* spores detected.	Mold growth

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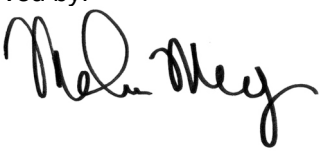
EMLab P&K

Report for:

Mr. Wesley Frey, Mr. Larry Sandhu
Hygiene Technologies International, Inc.: Northern California
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Regarding: Project: 21008001-7
EML ID: 699998

Approved by:



Lab Manager
Malcolm Moody

Dates of Analysis:
Direct microscopic exam (Qualitative): 09-08-2010

Service SOPs: Direct microscopic exam (Qualitative) (I100005)

EMLab P&K
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(866) 888-6653 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 21008001-7

Date of Sampling: 09-03-2010
Date of Receipt: 09-07-2010
Date of Report: 09-08-2010

DIRECT MICROSCOPIC EXAMINATION REPORT
(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 3103320-1: Tape sample 21008001-7 TL51SM				
Heavy	Very few	3+ *Penicillium* species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 3103321-1: Tape sample 21008001-7 TL52SM				
Moderate	Very few	4+ *Penicillium* species (spores, hyphae, conidiophores)	None	Mold growth

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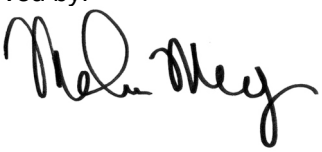
EMLab P&K

Report for:

Mr. Wesley Frey, Mr. Larry Sandhu, Mr. Ken Tse
Hygiene Technologies International, Inc.: Northern California
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Regarding: Project: 21009001-7
EML ID: 700734

Approved by:



Lab Manager
Malcolm Moody

Dates of Analysis:
Direct microscopic exam (Qualitative): 09-09-2010 and 09-09-2010

Service SOPs: Direct microscopic exam (Qualitative) (I100005)

Document Number: 200091 - Revision Number: 5

EMLab P&K
880 Riverside Parkway, West Sacramento, CA 95605
(866) 888-6653 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu, Mr. Ken Tse
Re: 21009001-7

Date of Sampling: 09-07-2010
Date of Receipt: 09-09-2010
Date of Report: 09-09-2010

DIRECT MICROSCOPIC EXAMINATION REPORT
(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 3105933-1: Tape sample 21009001-7-TL01RE				
Very Heavy	Very few	4+ *Stachybotrys* species (spores, hyphae, conidiophores) 2+ *Chaetomium* species (ascospores, ascomata, hyphae) 2+ Colorless spores typical of *Penicillium/Aspergillus* (spores, hyphae)	None	Mold growth
Lab ID-Version: 3105934-1: Tape sample 21009001-7-TL02RE				
Heavy	Very few	3+ *Chaetomium* species (ascospores, hyphae) 3+ *Stachybotrys* species (spores, hyphae, conidiophores) 2+ *Penicillium* species (spores, hyphae, conidiophores) 1+ *Cladosporium* species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 3105935-1: Tape sample 21009001-7-TL03RE				
Heavy	Very few	2+ *Chaetomium* species (ascospores, hyphae) 1+ *Aspergillus* species (spores, hyphae, conidiophores) 1+ *Penicillium* species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 3105936-1: Tape sample 21009001-7-TL04RE				
Moderate	Very few	2+ Colorless spores typical of *Penicillium/Aspergillus* (spores, hyphae)	None	Mold growth
Lab ID-Version: 3105937-1: Tape sample 21009001-7-TL05RE				
Moderate	Very few	3+ Colorless spores typical of *Penicillium/Aspergillus* (spores, hyphae)	None	Mold growth

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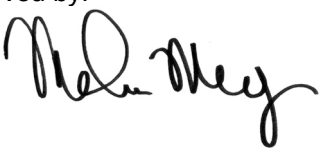
EMLab P&K

Report for:

Mr. Wesley Frey, Mr. Larry Sandhu, Mr. Ken Tse
Hygiene Technologies International, Inc.: Northern California
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Regarding: Project: 21009001-7
EML ID: 700752

Approved by:



Lab Manager
Malcolm Moody

Dates of Analysis:
Direct microscopic exam (Qualitative): 09-09-2010 and 09-09-2010

Service SOPs: Direct microscopic exam (Qualitative) (I100005)

Document Number: 200091 - Revision Number: 5

EMLab P&K
880 Riverside Parkway, West Sacramento, CA 95605
(866) 888-6653 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu, Mr. Ken Tse
Re: 21009001-7

Date of Sampling: 09-08-2010
Date of Receipt: 09-08-2010
Date of Report: 09-09-2010

DIRECT MICROSCOPIC EXAMINATION REPORT

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 3105951-1: Tape sample 21009001-7-TL06RE				
Heavy	Very few	1+ Colorless spores typical of *Penicillium/Aspergillus* (spores, hyphae)	A few insect parts detected.	Mold growth
Lab ID-Version: 3105952-1: Tape sample 21009001-7-TL07RE				
Very Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 3105953-1: Tape sample 21009001-7-TL08RE				
Heavy	Very few	3+ Colorless spores typical of *Penicillium/Aspergillus* (spores, hyphae)	None	Mold growth

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

HYGIENE TECH
Hygiene Technologies International, Inc.
3625 Del Amo Boulevard, Suite 180
Torrance, California 90503-1643
(310) 370-8370
(310) 370-2474 FAX
www.hygienetech.com

000694797

Request For Analysis

Project Number/~~Purchase Order~~: 2100800l-7 Date Submitted: 08/23/10

Project Contact: L. Sandhu / W. Frey Turnaround Required: Normal

Lab Destination: EMLAB Lab Contact: Sample Receiving

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
2100800l-7 TL01RE	N/A	TAPE	Direct exam (Qualitative)
2100800l-7 TL02RE			
TL03RE			
TL04RE			
TL01LS			
TL02LS			
TL03LS			
TL04LS			
TL05LS			
TL06LS			

Special Instructions: 20th flr Mens womens and janitor closet abatement

1. **Sampled by:** ~~Sandhu & Frey~~ on 8/23/10 @ 10:30 **Received by:** L Schutz 8/24/10 10am
2. **Relinquished by:** ~~Sandhu~~ 8/23/10 @ 17:00 **Received by:**
3. **Relinquished by:** **Received by:**

Please include signature, date, and time

Lab Use Only:

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Hygiene Technologies International, Inc.
3625 Del Amo Boulevard, Suite 180
Torrance, California 90503-1643
(310) 370-8370
(310) 370-2474 FAX
www.hygienetech.com

000695175

Request For Analysis

Project Number/~~Purchase Order~~: 2100801-7 Date Submitted: 08/24/10

Project Contact: L. Sandhu, W. Frey Turnaround Required: Normal

Lab Destination: EMLab Lab Contact: Simple Room

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
2100801-7 TL05RE	N/A	TAPE	Direct Exam (Qualitative)
TL06RE	↓	↓	↓
TL07RE			
TL08RE	✓	✓	✓

Special Instructions: 20th FL Fire Storage Equipment Room, Janitor's Closet Women's Restroom abatement

1. **Sampled by:** BWS on 08/24/10 @ [illegible] **Received by:** KenTe 8/24/10 16:00
2. **Relinquished by:** RWS on 08/24/10 @ 16:00 **Received by:** C Schultz 8/25/10 8am
3. **Relinquished by:** KenTe 08/24/10 @ 17:00 **Received by:** _____

Please include signature, date, and time

Lab Use Only:

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000696218

Hygiene Technologies International, Inc.

3625 Del Amo Boulevard, Suite 180
Torrance, California 90503-1643
(310) 370-6370
(310) 370-2474 FAX
www.hygienetech.com

Request For Analysis

Project Number/~~Purchase Order~~: 21008001-7 Date Submitted: 08/26/10

Project Contact: KTSE / K FREY/C-SANDHU Turnaround Required: Normal

Lab Destination: EMLAB Lab Contact:

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
21008001-7 TL01KT	N/A	Tape	Direct Exam (Qualitative)
↓ TL02KT	↓	↓	↓

Special Instructions: 20th Floor Mail Center Storage 20B Abatement

1. Sampled by: KENTSE 8/26/10 14:30PM Received by: C Schatz 8/27/10 8am
2. Relinquished by: KENTSE 8/26/10 18:30PM Received by:
3. Relinquished by: Received by:

Please include signature, date, and time

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000696798

Hygiene Technologies International, Inc.

3625 Del Amo Boulevard, Suite 180
Torrance, California 90503-1643
(310) 370-8370
(310) 370-2474 FAX
www.hygienetech.com

Request For Analysis

Project Number/~~Purchase Order~~: 21008001-7 Date Submitted: 08/27/10

Project Contact: L. Sandhu / W. Frey Turnaround Required: Normal

Lab Destination: EMLAB Lab Contact: Sample Receiving

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
21008001-7 TL11RE	N/A	Tape	Direct exam (Qualitative)
TL12RE	↓	↓	↓
TL13RE	↓	↓	↓
TL14RE	↓	↓	↓
TL15RE	↓	↓	↓
TL16RE	↓	↓	↓
TL17RE	↓	↓	↓

Special Instructions: 20th flr S & Z quadrants abatement

1. Sampled by: [signature] on 08/27/10 @ 9:10 Received by: KEN TSE 8/27/10 22:28
2. Relinquished by: [signature] on 08/27/10 @ 22:25 Received by: [signature] 8/30/10 8AM
3. Relinquished by: Received by:

Please include signature, date, and time

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(310) 370-8370
(310) 370-2474 FAX
www.hygienetech.com

000699998

Request For Analysis

Project Number/Purchase Order: 21008001-7 Date Submitted: 09/03/10

Project Contact: SYED MEHDI / WESTREY Turnaround Required: STANDARD

Lab Destination: EM LAB PEIK Lab Contact: SAMPLE RECEIVING

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
21008001-7 TL51SM	N/A	TAPE	DIRECT EXAM (QUALITATIVE)
↓ TL52SM	↓	↓	↓

Special Instructions: 20th FLOOR CONFERENCE ROOM 2005 ASBESTOS AIR MONITORING

1. Sampled by: Jun on 09/03/10 @ 09:15 Received by: 9-7-10 1130
2. Relinquished by: Jun on 09/03/10 @ 15:30 Received by:
3. Relinquished by: 9-7-10 1200 Received by: 9/7/10 1:30pm

Please include signature, date, and time

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3625 Del Amo Boulevard, Suite 180
Torrance, California 90503-1643
(310) 370-8370
(310) 370-2474 FAX
www.hygienetech.com

000700734

Request For Analysis

Project Number/Purchase Order: 2607901-7 Date Submitted: 09/07/10

Project Contact: K.TSE / W.FREY / L.Sandlin Turnaround Required: Normal

Lab Destination: EMLAB Lab Contact: SAMPLE Receiving

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
2607901-7 TL01RE	N/A	Tape	Direct Exam (Qualitative)
TL02RE			"
~~TL03RE~~			"
~~TL04RE~~			"
TL05RE			"

Special Instructions: 20th Flr HC & Val Quadrants abatement

1. Sampled by: K.TSE 9/7/10 14:30 Received by: [illegible] 9/8/10 10:30
2. Relinquished by: _____ Received by: _____
3. Relinquished by: _____ Received by: _____

Please include signature, date, and time

Lab Use Only:

000700752

HYGIENE TECH

Hygiene Technologies International, Inc.

3625 Del Amo Boulevard, Suite 180
Torrance, California 90503-1643
(310) 370-8370
(310) 370-2474 FAX
www.hygienetech.com

Request For Analysis

Project Number/~~Purchase Order~~: 2100981-7 Date Submitted: 9/8/10
Project Contact: [illegible] Turnaround Required: Normal
Lab Destination: Lab Contact:

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
2100981-7 TL06RE	N/A	Tape	Direct exam (qualitative)
↓ TL07RE	↓	↓	↓
↓ TL08RE	↓	↓	↓

Special Instructions: 20th FL N&W Quad Abatement

1. Sampled by: [illegible] 9/8/10 @ 08:10 Received by: [signature] 9/8/10 4:40
2. Relinquished by: KEN TSE 9/8/10 16:00 Received by:
3. Relinquished by: Received by:

Please include signature, date, and time

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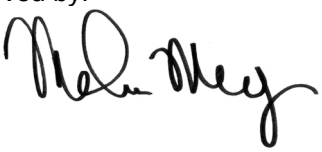
EMLab P&K

Report for:

Mr. Wesley Frey, Mr. Larry Sandhu, Mr. Ken Tse
Hygiene Technologies International, Inc.: Northern California
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Regarding: Project: 21008001 - 8 & 9
EML ID: 695574

Approved by:



Lab Manager
Malcolm Moody

Dates of Analysis:
Direct microscopic exam (Qualitative): 08-26-2010

Service SOPs: Direct microscopic exam (Qualitative) (I100005)

Document Number: 200091 - Revision Number: 5

EMLab P&K
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(866) 888-6653 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu, Mr. Ken Tse
Re: 21008001 - 8 & 9

Date of Sampling: 08-25-2010
Date of Receipt: 08-25-2010
Date of Report: 08-26-2010

DIRECT MICROSCOPIC EXAMINATION REPORT

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 3083376-1: Tape sample 21008001-9-TL01KT				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 3083377-1: Tape sample 21008001-9-TL02KT				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 3083378-1: Tape sample 21008001-9-TL03KT				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 3083379-1: Tape sample 21008001-9-TL04KT				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 3083380-1: Tape sample 21008001-9-TL05KT				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 3083381-1: Tape sample 21008001-9-TL06KT				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 3083382-1: Tape sample 21008001-9-TL07KT				
Light	Very few	None	None	Normal trapping

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

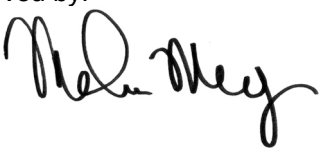
EMLab P&K

Report for:

Mr. Wesley Frey, Mr. Larry Sandhu, Mr. Ken Tse
Hygiene Technologies International, Inc.: Northern California
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Regarding: Project: 21008001 - 8 & 9
EML ID: 695574

Approved by:



Lab Manager
Malcolm Moody

Dates of Analysis:
Spore trap analysis: 08-26-2010

Service SOPs: Spore trap analysis (1038)

For clarity, we report the number of significant digits as calculated; but, due to the nature of this type of biological data, the number of significant digits that is used for interpretation should generally be one or two. All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank corrections of results is not a standard practice. The results relate only to the items tested.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Document Number: 200091 - Revision Number: 5

EMLab P&K
880 Riverside Parkway, West Sacramento, CA 95605
(866) 888-6653 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu, Mr. Ken Tse
Re: 21008001 - 8 & 9

Date of Sampling: 08-25-2010
Date of Receipt: 08-25-2010
Date of Report: 08-26-2010

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21008001-8-TM01OUTKT		21008001-8-TM02KT		21008001-8-TM03KT		21008001-8-TM04KT	
Comments (see below)	None		A		A		A	
Lab ID-Version‡:	3083383-1		3083384-1		3083385-1		3083386-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	2	27						
Arthrinium								
Ascospores*								
Aureobasidium								
Basidiospores*	12	640						
Bipolaris/Drechslera group	2	27						
Botrytis								
Chaetomium	4	53						
Cladosporium	64	3,400						
Curvularia	1	13						
Epicoccum	2	27						
Fusarium								
Nigrospora	4	53						
Oidium	1	13						
Other brown	1	13						
Penicillium/Aspergillus types†	1	53						
Pithomyces								
Rusts*								
Smuts*, Periconia, Myxomycetes*	28	370						
Stachybotrys								
Stemphylium								
Torula	1	13						
Ulocladium								
Background debris (1-4+)††	3+		2+		2+		2+	
Hyphal fragments/m3	40		< 13		< 13		13	
Pollen/m3	93		< 13		< 13		< 13	
Skin cells (1-4+)	< 1+		1+		1+		1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		4,700		< 13		< 13		< 13

Comments: A) No spores detected.

* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.
† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher then reported. It is important to account for samples volumes when evaluating dust levels.
The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.
‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

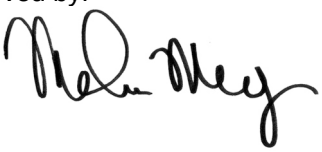
EMLab P&K

Report for:

Mr. Wesley Frey, Mr. Larry Sandhu, Mr. Ken Tse
Hygiene Technologies International, Inc.: Northern California
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Regarding: Project: 21008001 - 8 & 9
EML ID: 695922

Approved by:



Lab Manager
Malcolm Moody

Dates of Analysis:
Direct microscopic exam (Qualitative): 08-26-2010

Service SOPs: Direct microscopic exam (Qualitative) (I100005)

Document Number: 200091 - Revision Number: 5

EMLab P&K
880 Riverside Parkway, West Sacramento, CA 95605
(866) 888-6653 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu, Mr. Ken Tse
Re: 21008001 - 8 & 9

Date of Sampling: 08-26-2010
Date of Receipt: 08-26-2010
Date of Report: 08-26-2010

DIRECT MICROSCOPIC EXAMINATION REPORT

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 3084903-1: Tape sample 21008001-9 TL08KT				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 3084904-1: Tape sample 21008001-9 TL09KT				
Light	Very few	None	None	Normal trapping

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

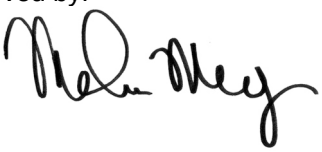
EMLab P&K

Report for:

Mr. Wesley Frey, Mr. Larry Sandhu, Mr. Ken Tse
Hygiene Technologies International, Inc.: Northern California
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Regarding: Project: 21008001 - 8 & 9
EML ID: 695922

Approved by:



Lab Manager
Malcolm Moody

Dates of Analysis:
Spore trap analysis: 08-26-2010

Service SOPs: Spore trap analysis (1038)

For clarity, we report the number of significant digits as calculated; but, due to the nature of this type of biological data, the number of significant digits that is used for interpretation should generally be one or two. All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank corrections of results is not a standard practice. The results relate only to the items tested.

Document Number: 200091 - Revision Number: 5

EMLab P&K
880 Riverside Parkway, West Sacramento, CA 95605
(866) 888-6653 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu, Mr. Ken Tse
Re: 21008001 - 8 & 9

Date of Sampling: 08-26-2010
Date of Receipt: 08-26-2010
Date of Report: 08-26-2010

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21008001-8 TM05OUTKT		21008001-8 TM06KT	
Comments (see below)	None		A	
Lab ID-Version‡:	3084905-1		3084906-1	
	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	1	13		
Arthrinium				
Ascospores*	1	53		
Aureobasidium				
Basidiospores*	12	640		
Bipolaris/Drechslera group	4	53		
Botrytis				
Chaetomium	1	13		
Cladosporium	94	5,000		
Curvularia				
Epicoccum				
Fusarium				
Myrothecium				
Nigrospora				
Other brown	4	53		
Penicillium/Aspergillus types†	4	210		
Pithomyces				
Rusts*				
Smuts*, Periconia, Myxomycetes*	25	330		
Stachybotrys				
Stemphylium				
Torula	1	13		
Ulocladium				
Zygomycetes				
Background debris (1-4+)††	3+		2+	
Hyphal fragments/m3	53		< 13	
Pollen/m3	280		< 13	
Skin cells (1-4+)	< 1+		1+	
Sample volume (liters)	75		75	
§ TOTAL SPORES/m3		6,400		< 13

Comments: A) No spores detected.

* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.
† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
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The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.
‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

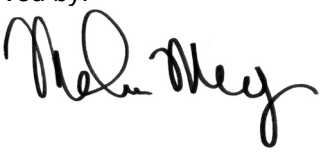
EMLab P&K

Report for:

Mr. Wesley Frey, Mr. Larry Sandhu
Hygiene Technologies International, Inc.: Northern California
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Regarding: Project: 21008001 - 8 & 9
EML ID: 696793

Approved by:



Lab Manager
Malcolm Moody

Dates of Analysis:
Spore trap analysis: 08-30-2010

Service SOPs: Spore trap analysis (1038)

For clarity, we report the number of significant digits as calculated; but, due to the nature of this type of biological data, the number of significant digits that is used for interpretation should generally be one or two. All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank corrections of results is not a standard practice. The results relate only to the items tested.

Document Number: 200091 - Revision Number: 5

EMLab P&K
880 Riverside Parkway, West Sacramento, CA 95605
(866) 888-6653 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 21008001 - 8 & 9

Date of Sampling: 08-27-2010
Date of Receipt: 08-30-2010
Date of Report: 08-30-2010

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21008001-8 TM01OUTLS		21008001-8 TM02LS		21008001-8 TM03LS	
Comments (see below)	None		None		None	
Lab ID-Version‡:	3088817-1		3088818-1		3088819-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	6	80				
Arthrinium						
Ascospores*						
Aureobasidium						
Basidiospores*	8	430	1	53		
Bipolaris/Drechslera group						
Botrytis						
Chaetomium						
Cladosporium	43	2,300				
Curvularia						
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Oidium	1	13				
Other brown	2	27			1	13
Penicillium/Aspergillus types†	10	530	1	53		
Pithomyces						
Rusts*	1	13				
Smuts*, Periconia, Myxomycetes*	7	93				
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	3+		1+		2+	
Hyphal fragments/m3	13		< 13		< 13	
Pollen/m3	110		< 13		< 13	
Skin cells (1-4+)	< 1+		1+		1+	
Sample volume (liters)	75		75		75	
§ TOTAL SPORES/m3		3,500		110		13

Comments:

* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher then reported. It is important to account for samples volumes when evaluating dust levels.

The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

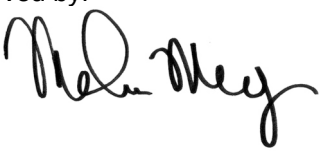
EMLab P&K

Report for:

Mr. Wesley Frey, Mr. Larry Sandhu
Hygiene Technologies International, Inc.: Northern California
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Regarding: Project: 21008001 - 8 & 9
EML ID: 696793

Approved by:



Lab Manager
Malcolm Moody

Dates of Analysis:
Direct microscopic exam (Qualitative): 08-30-2010

Service SOPs: Direct microscopic exam (Qualitative) (I100005)

Document Number: 200091 - Revision Number: 5

EMLab P&K
880 Riverside Parkway, West Sacramento, CA 95605
(866) 888-6653 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 21008001 - 8 & 9

Date of Sampling: 08-27-2010
Date of Receipt: 08-30-2010
Date of Report: 08-30-2010

DIRECT MICROSCOPIC EXAMINATION REPORT
(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 3088815-1: Tape sample 21008001-9 TL01LS				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 3088816-1: Tape sample 21008001-9 TL02LS				
Moderate	None	None	None	Normal trapping

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

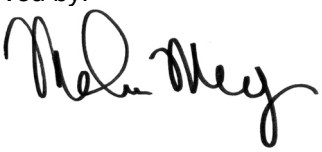
EMLab P&K

Report for:

Mr. Wesley Frey, Mr. Syed Mehdi
Hygiene Technologies International, Inc.: Northern California
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Regarding: Project: 21008001-9
EML ID: 699616

Approved by:



Lab Manager
Malcolm Moody

Dates of Analysis:
Direct microscopic exam (Qualitative): 09-07-2010 and 09-07-2010

Service SOPs: Direct microscopic exam (Qualitative) (I100005)

Document Number: 200091 - Revision Number: 5

EMLab P&K
880 Riverside Parkway, West Sacramento, CA 95605
(866) 888-6653 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Syed Mehdi
Re: 21008001-9

Date of Sampling: 09-03-2010
Date of Receipt: 09-07-2010
Date of Report: 09-07-2010

DIRECT MICROSCOPIC EXAMINATION REPORT
(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 3101243-1: Tape sample 21008001-9 TL01SM				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 3101244-1: Tape sample 21008001-9 TL02SM				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 3101245-1: Tape sample 21008001-9 TL03SM				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 3101246-1: Tape sample 21008001-9 TL04SM				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 3101247-1: Tape sample 21008001-9 TL05SM				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 3101248-1: Tape sample 21008001-9 TL06SM				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 3101249-1: Tape sample 21008001-9 TL07SM				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 3101250-1: Tape sample 21008001-9 TL08SM				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 3101251-1: Tape sample 21008001-9 TL09SM				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 3101252-1: Tape sample 21008001-9 TL10SM				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 3101253-1: Tape sample 21008001-9 TL11SM				
Light	Very few	None	None	Normal trapping

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 3101254-1: Tape sample 21008001-9 TL12SM				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 3101255-1: Tape sample 21008001-9 TL13SM				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 3101256-1: Tape sample 21008001-9 TL14SM				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 3101257-1: Tape sample 21008001-9 TL15SM				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 3101258-1: Tape sample 21008001-9 TL16SM				
Light	Very few	None	None	Normal trapping

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

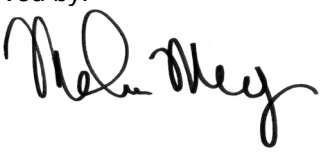
EMLab P&K

Report for:

Mr. Wesley Frey, Mr. Syed Mehdi
Hygiene Technologies International, Inc.: Northern California
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Regarding: Project: 21008001-8
EML ID: 699618

Approved by:



Lab Manager
Malcolm Moody

Dates of Analysis:
Spore trap analysis: 09-07-2010 and 09-07-2010

Service SOPs: Spore trap analysis (1038)

For clarity, we report the number of significant digits as calculated; but, due to the nature of this type of biological data, the number of significant digits that is used for interpretation should generally be one or two. All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank corrections of results is not a standard practice. The results relate only to the items tested.

Document Number: 200091 - Revision Number: 5

EMLab P&K
880 Riverside Parkway, West Sacramento, CA 95605
(866) 888-6653 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Syed Mehdi
Re: 21008001-8

Date of Sampling: 09-03-2010
Date of Receipt: 09-07-2010
Date of Report: 09-07-2010

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21008001-8 TM01OUTSM		21008001-8 TM02SM		21008001-8 TM03SM		21008001-8 TM04SM	
Comments (see below)	None		A		A		A	
Lab ID-Version‡:	3101268-1		3101269-1		3101270-1		3101271-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria								
Arthrinium								
Ascospores*	5	270						
Aureobasidium								
Basidiospores*	25	1,300						
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	22	1,200						
Curvularia								
Epicoccum								
Fusarium								
Myrothecium								
Nigrospora	4	53						
Other colorless								
Penicillium/Aspergillus types†	4	210						
Pithomyces								
Rusts*								
Smuts*, Periconia, Myxomycetes*	37	490						
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	3+		1+		1+		< 1+	
Hyphal fragments/m3	40		< 13		< 13		< 13	
Pollen/m3	170		< 13		< 13		< 13	
Skin cells (1-4+)	< 1+		< 1+		1+		< 1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		3,500		< 13		< 13		< 13

Comments: A) No spores detected.

* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.
† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
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The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.
‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

EMLab P&K
880 Riverside Parkway, West Sacramento, CA 95605
(866) 888-6653 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Syed Mehdi
Re: 21008001-8

Date of Sampling: 09-03-2010
Date of Receipt: 09-07-2010
Date of Report: 09-07-2010

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21008001-8 TM05SM		21008001-8 TM06SM	
Comments (see below)	A		A	
Lab ID-Version‡:	3101272-1		3101273-1	
	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria				
Arthrinium				
Ascospores*				
Aureobasidium				
Basidiospores*				
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium				
Curvularia				
Epicoccum				
Fusarium				
Myrothecium				
Nigrospora				
Other colorless				
Penicillium/Aspergillus types†				
Pithomyces				
Rusts*				
Smuts*, Periconia, Myxomycetes*				
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Zygomycetes				
Background debris (1-4+)††	< 1+		< 1+	
Hyphal fragments/m3	< 13		< 13	
Pollen/m3	< 13		< 13	
Skin cells (1-4+)	< 1+		< 1+	
Sample volume (liters)	75		75	
§ TOTAL SPORES/m3		< 13		< 13

Comments: A) No spores detected.

* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.
† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher then reported. It is important to account for samples volumes when evaluating dust levels.
The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.
‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

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Re: 21008001-8

Date of Sampling: 09-03-2010
Date of Receipt: 09-07-2010
Date of Report: 09-07-2010

MoldRANGE™: Extended Outdoor Comparison

Outdoor Location: 21008001-8 TM01OUTSM

Fungi Identified	Outdoor data	Typical Outdoor Data by Date† Month: September				Typical Outdoor Data by Location‡ State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
Alternaria	-	7	40	600	64	7	27	210	54
Bipolaris/Drechslera group	-	7	13	220	26	7	13	130	13
Chaetomium	-	7	13	120	13	7	13	120	19
Cladosporium	1,200	53	850	13,000	97	53	590	7,200	97
Curvularia	-	7	27	720	33	7	13	230	7
Nigrospora	53	7	20	250	28	7	13	180	8
Penicillium/Aspergillus types	210	27	270	3,400	82	33	210	2,400	84
Stachybotrys	-	7	13	300	3	7	13	230	4
Torula	-	7	13	150	15	7	13	160	11
Seldom found growing indoors**									
Ascospores	270	13	210	5,600	84	13	110	2,100	70
Basidiospores	1,300	27	600	26,000	96	13	210	8,500	92
Rusts	-	7	27	470	32	7	13	250	26
Smuts, Periconia, Myxomycetes	490	7	53	870	79	8	40	530	68
§ TOTAL SPORES/m3	3,500								

† The Typical Outdoor Data by Date represents the typical outdoor spore levels across North America for the month indicated. The last column represents the frequency of occurrence. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values of the spore type when it is detected. For example, if the frequency of occurrence is 63% and the low value is 53, it would mean that the given spore type is detected 63% of the time and, when detected, 2.5% of the time it is present in levels above the detection limit and below 53 spores/m3. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

‡ The Typical Outdoor Data by Location represents the typical outdoor spore levels for the region indicated for the entire year. As with the Typical Outdoor Data by Date, the four columns represent the frequency of occurrence and the typical low, medium, and high concentration values for the spore type indicated. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

*The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

**These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor data" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. In addition, EMLab P&K may not have received and tested a representative number of samples for every region or time period. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the use or interpretation of the data contained in, or any actions taken or omitted in reliance upon, this report.

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C/O: Mr. Wesley Frey, Mr. Syed Mehdi
Re: 21008001-8

Date of Sampling: 09-03-2010
Date of Receipt: 09-07-2010
Date of Report: 09-07-2010

MoldSTAT™: Supplementary Statistical Spore Trap Report

Outdoor Summary: 21008001-8 TM01OUTSM:

Species detected	Outdoor sample spores/m3 <100 1K 10K >100K	Typical outdoor ranges (North America)	Freq. %
Ascospores	270	13 - 160 - 5,200	76
Basidiospores	1,300	13 - 350 - 18,000	91
Cladosporium	1,200	27 - 480 - 9,200	92
Nigrospora	53	7 - 13 - 210	15
Penicillium/Aspergillus types	210	20 - 190 - 2,500	76
Smuts, Periconia, Myxomycetes	490	7 - 40 - 840	67
Total	3,533		

The "Typical outdoor ranges" and "Freq. %" columns show the typical low, medium, and high spore counts per cubic meter and the frequency of occurrence for the given spore type. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values when the spore type is detected. For example, if the low value is 53 and the frequency of occurence is 63%, it would mean that we typically detect the given spore type on 63 percent of all outdoor samples and, when detected, 2.5% of the time it is present in levels below 53 spores/m3.

Indoor Samples

Location: 21008001-8 TM02SM

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: < 1%	dF: N/A Result: N/A Critical value: N/A Inside Similar: N/A	Result: 0.0000	dF: N/A Result: N/A Critical value: N/A Outside Similar: N/A	Score: 100 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
None Detected	N/A

Location: 21008001-8 TM03SM

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: < 1%	dF: N/A Result: N/A Critical value: N/A Inside Similar: N/A	Result: 0.0000	dF: N/A Result: N/A Critical value: N/A Outside Similar: N/A	Score: 100 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
None Detected	N/A

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Re: 21008001-8

Date of Sampling: 09-03-2010
Date of Receipt: 09-07-2010
Date of Report: 09-07-2010

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21008001-8 TM04SM

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: < 1%	dF: N/A Result: N/A Critical value: N/A Inside Similar: N/A	Result: 0.0000	dF: N/A Result: N/A Critical value: N/A Outside Similar: N/A	Score: 100 Result: Low

Species Detected	Spores/m3
	<100 1K 10K >100K
None Detected	N/A

Location: 21008001-8 TM05SM

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: < 1%	dF: N/A Result: N/A Critical value: N/A Inside Similar: N/A	Result: 0.0000	dF: N/A Result: N/A Critical value: N/A Outside Similar: N/A	Score: 100 Result: Low

Species Detected	Spores/m3
	<100 1K 10K >100K
None Detected	N/A

Location: 21008001-8 TM06SM

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: < 1%	dF: N/A Result: N/A Critical value: N/A Inside Similar: N/A	Result: 0.0000	dF: N/A Result: N/A Critical value: N/A Outside Similar: N/A	Score: 100 Result: Low

Species Detected	Spores/m3
	<100 1K 10K >100K
None Detected	N/A

* The Friedman chi-square statistic is a non-parametric test that examines variation in a set of data (in this case, all indoor spore counts). The null hypothesis (H0) being tested is that there is no meaningful difference in the data for all indoor locations. The alternative hypothesis (used if the test disproves the null hypothesis) is that there is a difference between the indoor locations. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

** An agreement ratio is a simple method for assessing the similarity of two samples (in this case the indoor sample and the outdoor summary) based on the spore types present. A score of one indicates that the types detected in one location are the same as that in the other. A score of zero indicates that none of the types detected indoors are present outdoors. Typically, an agreement of 0.8 or higher is considered high.

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Re: 21008001-8

Date of Sampling: 09-03-2010
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MoldSTAT™: Supplementary Statistical Spore Trap Report

*** The Spearman rank correlation is a non-parametric test that examines correlation between two sets of data (in this case the indoor location and the outdoor summary). The null hypothesis (H0) being tested is that the indoor and outdoor samples are unrelated. The alternative hypothesis (used if the test disproves the null hypothesis) is that the samples are similar. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

**** MoldSCORE™ is a specialized method for examining air sampling data. It is a score between 100 and 300, with 100 indicating a greater likelihood that the airborne indoor spores originated from the outside, and 300 indicating a greater likelihood that they originated from an inside source. The Result displayed is based on the numeric score given and will be either Low, Medium, or High, indicating a low, medium, or high likelihood that the spores detected originated from an indoor source. EMLab P&Kreserves the right to, and may at anytime, modify or change the MoldScore algorithm without notice.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor ranges" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. With the statistical analysis provided, as with all statistical comparisons and analyses, false-positive and false-negative results can and do occur. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the data contained in, or any actions taken or omitted in reliance upon, this report.

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Re: 21008001-8

Date of Sampling: 09-03-2010
Date of Receipt: 09-07-2010
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MoldSCORE™: Spore Trap Report

Outdoor Sample: 21008001-8 TM01OUTSM

Fungi Identified	Outdoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3
Generally able to grow indoors*			
Alternaria		ND	< 13
Bipolaris/Drechslera group		ND	< 13
Chaetomium		ND	< 13
Cladosporium		22	1,200
Curvularia		ND	< 13
Nigrospora		4	53
Penicillium/Aspergillus types†		4	210
Stachybotrys		ND	< 13
Torula		ND	< 13
Seldom found growing indoors**			
Ascospores††		5	270
Basidiospores††		25	1,300
Rusts		ND	< 13
Smuts, Periconia, Myxomycetes††		37	490
Total			**3,533**

Location: 21008001-8 TM02SM

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**N/A**	**Final MoldSCORE**	**100**

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MoldSCORE™: Spore Trap Report

Location: 21008001-8 TM03SM

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**N/A**	**Final MoldSCORE**	**100**

Location: 21008001-8 TM04SM

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**N/A**	**Final MoldSCORE**	**100**

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Re: 21008001-8

Date of Sampling: 09-03-2010
Date of Receipt: 09-07-2010
Date of Report: 09-07-2010

MoldSCORE™: Spore Trap Report

Location: 21008001-8 TM05SM

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**N/A**	**Final MoldSCORE**	**100**

Location: 21008001-8 TM06SM

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		ND	< 13		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**N/A**	**Final MoldSCORE**	**100**

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Re: 21008001-8

Date of Sampling: 09-03-2010
Date of Receipt: 09-07-2010
Date of Report: 09-07-2010

MoldSCORE™: Spore Trap Report

*The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

**These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

†The spores of Aspergillus and Penicillium (and others such as Acremonium, Paecilomyces) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods.

††Most of these spore types are not seen with culturable methods (Anderson sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores.

‡Rated on a scale from 100 to 300. A rating less than 150 is low and indicates a low probability of spores originating inside. A rating greater than 250 is high and indicates a high probability that the spores originated from inside, presumably from indoor mold growth. A rating between 150 and 250 indicates a moderate likelihood of indoor fungal growth. MoldSCORE is NOT intended for wall cavity samples. It is intended for ambient air samples in residences. Using the analysis on other samples (like wall cavity samples) will lead to misleading results.

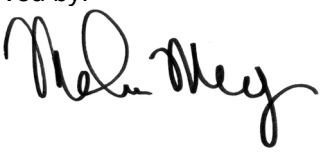
EMLab P&K

Report for:

Mr. Wesley Frey, Mr. Larry Sandhu, Mr. Ken Tse
Hygiene Technologies International, Inc.: Northern California
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Regarding: Project: 21009001 - 8 & 9
EML ID: 700003

Approved by:



Lab Manager
Malcolm Moody

Dates of Analysis:
Direct microscopic exam (Qualitative): 09-08-2010

Service SOPs: Direct microscopic exam (Qualitative) (I100005)

Document Number: 200091 - Revision Number: 5

EMLab P&K
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Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu, Mr. Ken Tse
Re: 21009001 - 8 & 9

Date of Sampling: 09-07-2010
Date of Receipt: 09-07-2010
Date of Report: 09-08-2010

DIRECT MICROSCOPIC EXAMINATION REPORT

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 3103329-1: Tape sample 21009001-9 TL01KT				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 3103330-1: Tape sample 21009001-9 TL02KT				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 3103331-1: Tape sample 21009001-9 TL03KT				
Light	Very few	None	None	Normal trapping

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

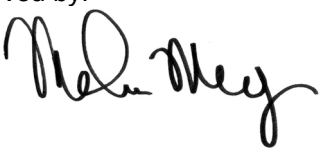
EMLab P&K

Report for:

Mr. Wesley Frey, Mr. Larry Sandhu, Mr. Ken Tse
Hygiene Technologies International, Inc.: Northern California
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Regarding: Project: 21009001 - 8 & 9
EML ID: 700003

Approved by:



Lab Manager
Malcolm Moody

Dates of Analysis:
Spore trap analysis: 09-08-2010

Service SOPs: Spore trap analysis (1038)

For clarity, we report the number of significant digits as calculated; but, due to the nature of this type of biological data, the number of significant digits that is used for interpretation should generally be one or two. All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank corrections of results is not a standard practice. The results relate only to the items tested.

Document Number: 200091 - Revision Number: 5

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Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu, Mr. Ken Tse
Re: 21009001 - 8 & 9

Date of Sampling: 09-07-2010
Date of Receipt: 09-07-2010
Date of Report: 09-08-2010

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21009001-8 TM01OUTKT		21009001-8 TM02KT	
Comments (see below)	None		None	
Lab ID-Version‡:	3103332-1		3103333-1	
	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	5	67		
Arthrinium				
Ascospores*	1	53		
Aureobasidium				
Basidiospores*	14	750		
Bipolaris/Drechslera group				
Chaetomium	2	27		
Cladosporium	45	2,400		
Curvularia				
Epicoccum				
Fusarium				
Nigrospora	3	40		
Oidium	2	27		
Other brown	2	27		
Other colorless	1	13		
Penicillium/Aspergillus types†				
Pithomyces				
Rusts*	5	67		
Smuts*, Periconia, Myxomycetes*	81	1,100	1	13
Stachybotrys				
Stemphylium	1	13		
Torula	2	27		
Ulocladium				
Background debris (1-4+)††	4+		3+	
Hyphal fragments/m3	190		< 13	
Pollen/m3	7,000		< 13	
Skin cells (1-4+)	< 1+		2+	
Sample volume (liters)	75		75	
§ TOTAL SPORES/m3		4,600		13

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.
* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.
† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher then reported. It is important to account for samples volumes when evaluating dust levels.
The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.
‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

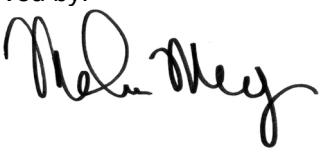
EMLab P&K

Report for:

Mr. Wesley Frey, Mr. Larry Sandhu
Hygiene Technologies International, Inc.: Northern California
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Regarding: Project: 21009001-9
EML ID: 703252

Approved by:



Lab Manager
Malcolm Moody

Dates of Analysis:
Direct microscopic exam (Qualitative): 09-15-2010 and 09-15-2010

Service SOPs: Direct microscopic exam (Qualitative) (I100005)

Document Number: 200091 - Revision Number: 5

EMLab P&K
880 Riverside Parkway, West Sacramento, CA 95605
(866) 888-6653 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 21009001-9

Date of Sampling: 09-15-2010
Date of Receipt: 09-15-2010
Date of Report: 09-15-2010

DIRECT MICROSCOPIC EXAMINATION REPORT
(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 3118002-1: Tape sample 21009001-9 TL01LS				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 3118003-1: Tape sample 21009001-9 TL02LS				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 3118004-1: Tape sample 21009001-9 TL03LS				
Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 3118005-1: Tape sample 21009001-9 TL04LS				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 3118006-1: Tape sample 21009001-9 TL05LS				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 3118007-1: Tape sample 21009001-9 TL06LS				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 3118008-1: Tape sample 21009001-9 TL07LS				
Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 3118009-1: Tape sample 21009001-9 TL08LS				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 3118010-1: Tape sample 21009001-9 TL09LS				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 3118011-1: Tape sample 21009001-9 TL10LS				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 3118012-1: Tape sample 21009001-9 TL11LS				
Moderate	Very few	None	None	Normal trapping

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 3118013-1: Tape sample 21009001-9 TL12LS				
Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 3118014-1: Tape sample 21009001-9 TL13LS				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 3118015-1: Tape sample 21009001-9 TL14LS				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 3118016-1: Tape sample 21009001-9 TL15LS				
Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 3118017-1: Tape sample 21009001-9 TL16LS				
Light	Very few	None	None	Normal trapping

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

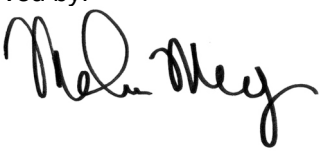
EMLab P&K

Report for:

Mr. Wesley Frey, Mr. Larry Sandhu
Hygiene Technologies International, Inc.: Northern California
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Regarding: Project: 21009001-8
EML ID: 703251

Approved by:



Lab Manager
Malcolm Moody

Dates of Analysis:
Spore trap analysis: 09-15-2010 and 09-15-2010

Service SOPs: Spore trap analysis (1038)

For clarity, we report the number of significant digits as calculated; but, due to the nature of this type of biological data, the number of significant digits that is used for interpretation should generally be one or two. All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank corrections of results is not a standard practice. The results relate only to the items tested.

Document Number: 200091 - Revision Number: 5

EMLab P&K
880 Riverside Parkway, West Sacramento, CA 95605
(866) 888-6653 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 21009001-8

Date of Sampling: 09-15-2010
Date of Receipt: 09-15-2010
Date of Report: 09-15-2010

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21009001-8 TM01OUTLS		21009001-8 TM02LS		21009001-8 TM03LS		21009001-8 TM04LS	
Comments (see below)	None		A		None		A	
Lab ID-Version‡:	3117991-1		3117992-1		3117993-1		3117994-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	2	27						
Arthrinium								
Ascospores*	4	210						
Aureobasidium								
Basidiospores*	11	590						
Bipolaris/Drechslera group								
Botrytis								
Chaetomium	2	27						
Cladosporium	46	2,500						
Curvularia								
Epicoccum								
Myrothecium								
Nigrospora	2	27						
Penicillium/Aspergillus types†	11	590						
Pithomyces								
Rusts*	4	53						
Smuts*, Periconia, Myxomycetes*	17	230			1	13		
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	3+		2+		1+		< 1+	
Hyphal fragments/m3	27		< 13		< 13		< 13	
Pollen/m3	53		< 13		< 13		< 13	
Skin cells (1-4+)	< 1+		< 1+		< 1+		< 1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		4,200		< 13		13		< 13

Comments: A) No spores detected.

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.
* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.
† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher then reported. It is important to account for samples volumes when evaluating dust levels.
The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.
‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

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Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 21009001-8

Date of Sampling: 09-15-2010
Date of Receipt: 09-15-2010
Date of Report: 09-15-2010

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21009001-8 TM05LS		21009001-8 TM06LS	
Comments (see below)	A		None	
Lab ID-Version‡:	3117995-1		3117996-1	
	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria				
Arthrinium				
Ascospores*				
Aureobasidium				
Basidiospores*				
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium				
Curvularia				
Epicoccum				
Fusarium				
Myrothecium				
Nigrospora				
Other colorless				
Penicillium/Aspergillus types†				
Pithomyces				
Rusts*				
Smuts*, Periconia, Myxomycetes*			1	13
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Zygomycetes				
Background debris (1-4+)††	1+		2+	
Hyphal fragments/m3	< 13		< 13	
Pollen/m3	< 13		< 13	
Skin cells (1-4+)	< 1+		< 1+	
Sample volume (liters)	75		75	
§ TOTAL SPORES/m3		< 13		13

Comments: A) No spores detected.

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.
* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.
† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher then reported. It is important to account for samples volumes when evaluating dust levels.
The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.
‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

HYGIENE TECH
Hygiene Technologies International, Inc.

3625 Del Amo Boulevard, Suite 160
Torrance, California 90503-1643
(310) 370-8370
(310) 370-2474 FAX
www.hygienetech.com

000695574

Request For Analysis

Project Number/~~Purchase Order~~: 2100800 1 – 8 8 9 Date Submitted: 08/25/10

Project Contact: L-Sandlin / W. Frey / KENTSE Turnaround Required: Same day

Lab Destination: EMLAB Lab Contact: Sample Rec

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
2100800 1-8 TM01 OUTKT	15L	AirOCell	Spore Trap Analysis
TM02KT			
TM03KT			
TM04KT			
2100800 1-9 TL01KT	N/A	TAPE	Direct Exam (Qualitative)
TL02KT			
TL03KT			
TL04KT			
TL05KT			
TL06KT			
TL07KT			

Special Instructions: 20th Floor Mens Womens restroom & Janitor closet cleaning

1. Sampled by: KENTSE 08/25/10 14:30 Received by: [signature] 8/25/10 4:15PM
2. Relinquished by: _____ Received by: _____
3. Relinquished by: _____ Received by: _____

Please include signature, date, and time

Lab Use Only:

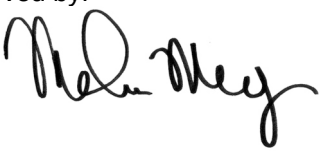
EMLab P&K

Report for:

Mr. Wesley Frey, Mr. Larry Sandhu, Mr. Ken Tse
Hygiene Technologies International, Inc.: Northern California
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Regarding: Project: 21008001 - 8 & 9
EML ID: 695922

Approved by:



Lab Manager
Malcolm Moody

Dates of Analysis:
Direct microscopic exam (Qualitative): 08-26-2010

Service SOPs: Direct microscopic exam (Qualitative) (I100005)

Document Number: 200091 - Revision Number: 5

EMLab P&K
880 Riverside Parkway, West Sacramento, CA 95605
(866) 888-6653 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu, Mr. Ken Tse
Re: 21008001 - 8 & 9

Date of Sampling: 08-26-2010
Date of Receipt: 08-26-2010
Date of Report: 08-26-2010

DIRECT MICROSCOPIC EXAMINATION REPORT

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 3084903-1: Tape sample 21008001-9 TL08KT				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 3084904-1: Tape sample 21008001-9 TL09KT				
Light	Very few	None	None	Normal trapping

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

HYGIENE TECH
Hygiene Technologies International, Inc.
000696793
3625 Del Amo Boulevard, Suite 180
Torrance, California 90503-1643
(310) 370-8370
(310) 370-2474 FAX
www.hygienetech.com

Request For Analysis

Project Number/~~Purchase Order~~: 2100800l-889 Date Submitted: 08/27/10

Project Contact: L-Sandhu / W. Frey Turnaround Required: Rush (Same day)

Lab Destination: EMLAB Lab Contact: Sample Receiving

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
2100800l-8 TM01LS	75L	Charcoal	Spore Trap
2100800l-8 TM02LS	↓	↓	↓
2100800l-8 TM03LS	↓	↓	↓
2100800l-9 TL01LS	N/A	Tape	Direct Exam (Qualitative)
2100800l-9 TL02LS	↓	↓	↓

Special Instructions: 20th Floor Mailroom Storage 20B & S. Hallway Corridor

1. Sampled by: L Sandhu on 08/27/10
2. Relinquished by: L Sandhu on 08/27/10 @ 15:38 Received by: KENTE 8/27/10 22:28
3. Relinquished by: 2224 Received by:

Please include signature, date, and time

Lab Use Only:

HYGIENE TECH

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(310) 370-2474 FAX
www.hygienetech.com

000699616

Request For Analysis

Project Number/Purchase Order: 21008001-9 Date Submitted: 09/03/2010

Project Contact: SYED MEHDI / WES FREY Turnaround Required: SAME DAY

Lab Destination: EM LAB PEAK Lab Contact: SAMPLE RECEIVING

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
21008001-9 TL01SM	N/A	TAPE	DIRECT EXAM (QUALITATIVE)
TL02SM			
TL03SM			
TL04SM			
TL05SM			
TL06SM			
TL07SM			
TL08SM			
TL09SM			
TL10SM			
TL11SM			
TL12SM			
TL13SM			
TL14SM			
TL15SM			
TL16SM			

Special Instructions: 20TH FLOOR E & S QUADRANT CLR

1. **Sampled by:** JM on 09/03/10 @ 12:57 **Received by:** C Schatz 9/7/10 8:10 am
2. **Relinquished by:** JM on 09/02/10 @ 15:30 **Received by:** _____
3. **Relinquished by:** KENTSE 9/7/10 @ 8:00AM **Received by:** _____

Please include signature, date, and time

Lab Use Only:

HYGIENE TECH
Hygiene Technologies International, Inc.

000699618

3029 Del Amo Boulevard, Suite 180
Torrance, California 90503-1643
(310) 370-8370
(310) 370-2474 FAX
www.hygienetech.com

Request For Analysis

Project Number/Purchase Order: 21008001-8 Date Submitted: 09/03/2010

Project Contact: SYED MEHDI / WES FREY Turnaround Required: SAME DAY

Lab Destination: EMLAB PEK Lab Contact: SAMPLE RECEIVING

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
21008001-8TM010UOM	75 L	Air-O-Cell	SPORE TRAP
TM02SM			
TM03SM			
TM04SM			
TM05SM			
TM06SM			

Special Instructions: 20th FLOOR E. & S. QUADRANT CLR

1. Sampled by: Jun on 09/03/10 @ 12:57
2. Relinquished by: Jun on 09/03/10 @ 15:30 Received by: C Schultz 9/2/10 8:10 AM
3. Relinquished by: KEN TSE 9/7/10 @ 8:00AM Received by:

Please include signature, date, and time

Lab Use Only:

HYGIENE TECH

Hygiene Technologies International, Inc.

000700003

3625 Del Amo Boulevard, Suite 180
Torrance, California 90503-1643
(310) 370-8370
(310) 370-2474 FAX
www.hygienetech.com

Request For Analysis

Project Number/Purchase Order: 21009001-8&9 Date Submitted: 9/7/10

Project Contact: Wesley, L. Sandhu, KEN TSE Turnaround Required: Normal

Lab Destination: EMLab Lab Contact: Sangk Rim

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
21009001-8 TM01KT	TSL	AirDell	Spore Trap Analysis
↓ TM02KT	↓	↓	↓
21009001-9 TL01KT	N/A	TAPE	Direct Exam (Qualitative)
↓ TL02KT	↓	↓	↓
↓ TL03KT	↓	↓	↓

Special Instructions: 20th FL Conference Room 2005 Chr

1. Sampled by: KEN TSE 9/7/10 9:46AM Received by: [signature] 9-7-10 11:30
2. Relinquished by: KEN TSE 9/7/10 11:25AM Received by:
3. Relinquished by: [signature] 9-7-10 1200 Received by:

Please include signature, date, and time

Lab Use Only:

HYGIENE TECH
Hygiene Technologies International, Inc.
3625 Del Amo Boulevard, Suite 180
Torrance, California 90503-1643
(310) 370-8370
(310) 370-2474 FAX
www.hygienetech.com

000703252

Request For Analysis

Project Number/Purchase Order: 21009001-9 Date Submitted: 9/15/10

Project Contact: L. Sandhu / W. Frey Turnaround Required: Same day

Lab Destination: EMLAB Lab Contact: Sample Receiving

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
21009001-9 TL01LS	N/A	Tape	Direct exam Qualitative
TL02LS			
TL03LS			
TL04LS			
TL05LS			
TL06LS			
TL07LS			
TL08LS			
TL09LS			
TL10LS			
TL11LS			
TL12LS			
TL13LS			
TL14LS			
TL15LS			
TL16LS			

Special Instructions: 20th flr N & W Quadrants clr

1. **Sampled by:** Sandhu on 9/15/10 @ 12:16 **Received by:**
2. **Relinquished by:** Sandhu on 9/15/10 @ 13:44 **Received by:** 9/15/10 1:45PM
3. **Relinquished by:** **Received by:**

Please include signature, date, and time

Lab Use Only:

000703251

HYGIENE TECH

Hygiene Technologies International, Inc.

3625 Del Amo Boulevard, Suite 180
Torrance, California 90503-1643
(310) 370-8370
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Request For Analysis

Project Number/~~Purchase Order~~: 21009001-8 | Date Submitted: 9/15/10

Project Contact: L. Sandhu / W. Frey | Turnaround Required: Same day

Lab Destination: EMLAB | Lab Contact: Sample Receiving

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
21009001-8 TM01LS	75L	Air-o-cell	Spore Trap
TM02LS	↓	↓	↓
TM03LS	↓	↓	↓
TM04LS	↓	↓	↓
TM05LS	↓	↓	↓
TM06LS	↓	↓	↓

Special Instructions: 20th Flr N & W Quadrants C/r.

1. Sampled by: Sandhu on 9/15/10 @ 12:14 Received by:
2. Relinquished by: Sandhu on 9/15/10 @ 13:4_ Received by: [illegible] 9/15/10 1:45PM
3. Relinquished by: Received by:

Please include signature, date, and time

Lab Use Only:

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